


River Gorge Ranch 1A (TNR113846)

Nikki Carpenter <Nikki.Carpenter@tn.gov>

Mon 5/13/2024 12:54 PM

To: Clarence Howard <clarence@thunderenterprises.com>; Ryan <ryan@thunderenterprises.com>; Tyler Jeffrey <tyler@thurstonjeffreyconsulting.com>

Cc: Jennifer Innes <Jennifer.Innes@tn.gov>

 4 attachments (3 MB)

RGR 1A inspection report .pdf; CN-1175 NOT Form CGP 22FEB22..pdf; TNR113740_geotech rd..PNG; TNR113846_ph. 1A.PNG;

Good afternoon,

Please see the attached inspection report from the routine inspection conducted on 05/07/24. I appreciate your time and assistance navigating the site. In the next few months, I will reach out to schedule a routine inspection of Phase 1B. While I have 1A marked 'in compliance' please see notes on the report and specific items below. As discussed, these items should be addressed as soon as possible and documentation should be sent.

- Basin P1-9 (west of roundabout) needs to be completed.
- The future crossing location at the end of Split Rail Way in the furthest northern limit of 1A needs buffer maintenance. Silt fence cannot be placed in the stream.
- The single road crossing that has been installed (end of Birds Eye Way into 1B) has an undefined source of water contributing to the stream. Please ensure this does not cause a condition of pollution and that the crossing is immediately stabilized. As discussed, I recommend having your consultant evaluate this area and subsequently discuss options to manage sediment/erosion with consultant & engineer at this location.
- Please keep in mind that per the CGP, if construction activity at any location on-site has temporarily/permanently ceased, the area should be stabilized within 14 days.
- Silt fence, basins, and check dams should be cleaned out when at 50% capacity.

If sediment is deposited into streams or wetlands, please notify the division and apply for coverage under an ARAP for sediment removal.

It does appear the original LOD for the temporary bore road (TNR113740), now the main site entrance, was looped into what was permitted for phase 1A (TNR113846). As discussed, since you have coverage for this road under 2 active permits, you can terminate the original permit. Please complete and submit the attached Notice of Termination (NOT). Please make note that work is not complete/stable, but is covered in duplicate (I will also make note in our database).

Please note that it is the *sitewide disturbance* of 50 acres that triggers the monitoring at each outfall draining 10 acres, not whether or not that specific outfall is actively being disturbed. For this reason, while there has been some confusion, monitoring requirements under section 5.5.3.3.f of the CGP should immediately begin. Please submit as required.

Thank you,



Nikki Carpenter | Environmental Scientist
Division of Water Resources

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TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville TN 37243

1-888-891-8332 (TDEC)

Compliance Inspection for General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site/Project Name:	River Gorge Ranch (aka Aetna Mtn)_ Phase 1A	NPDES Tracking Number:	TNR113846
		Date Coverage was Issued:	03-JUN-22
Street Address or Location:	195 Whiteside Loop	Start Date:	
		Estimated End Date:	
Site Description:	development for approx. 195 lots	Latitude (dd.dddd):	35.0199
		Longitude (-dd.dddd):	-85.5295
County(ies): Marion	EFO: Chattanooga	MS4 Jurisdiction: N/A	Acres Disturbed: 465.2
			Total Acres:

Name of Permittee (Developer/Operator):	Thunder Enterprises		
Name of Official Contact: Clarence Howard	Email: clarence@thunderenterprises.com	Contact Phone: 423-421-9775	
Address: 104 Battle Creek Road	City: South Pittsburg	State: TN	Zip: 37380

Construction Phase:	<input type="checkbox"/> Site preparation	<input checked="" type="checkbox"/> Grading	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Final Stabilization
Inspection Purpose:	<input checked="" type="checkbox"/> Routine	<input checked="" type="checkbox"/> Follow-up	<input type="checkbox"/> Complaint	<input type="checkbox"/> NOT

	Yes	No	Comments
Have all construction activities stopped and 70% uniform permanent cover established?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Notable impacts to waters as a result of site activities/discharges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Notes
Evidence of insufficiently treated stormwater discharges at outfall locations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Evidence of structural EPSC measure failure/absence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Notes
Evidence of non-structural EPSC measure failure/absence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Notes
Unauthorized discharges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Evidence of offsite impacts?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Notes
Evidence of construction buffer disturbance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Notes
Compliance Evaluation: Any Y = recommend NOV/EAR or follow-up - date: _____			
Any Y = recommend follow-up (email, letter, inspection, etc.) - date: _____			

	Yes	No	Comments
Are copies of the SWPPP & inspection reports on site or made available?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has SWPPP been implemented & satisfactory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are 2/week inspections being performed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are inspection reports completed & signed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are inspection reports filled out by a qualified EPSC inspector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Compliance Evaluation: Any N = recommend follow-up (email, letter, inspection, etc.) date: _____			

	Yes	No	Comments
Are there ARAP violations or unauthorized stream/wetland alteration?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRS23.011
Compliance Evaluation: Y = perform follow-up ARAP inspection - date: _____			1 of 7 crossings installed.

Notes:

- need buffer stabilization/maintenance at prepared crossing location into 1B at end of Split Rail Way 1A – crossing not yet installed – water is flowing clear but adjacent runoff may be contributing – no SF authorized in channel - if sediment is deposited in channel, ARAP required to remove
- addl rows of SF in multiple locations; roadway is largely gravel & downslope side growing grass in several locations
- basin above Serenity Way d/c clear – across rd. from this basin check dams removed to regrade – need to be replaced ASAP/stabilized
- basin south of Serenity Way no d/c – installed and stable
- lot level EPSCs implemented on active lots – RGR inspecting these and communicating with builders
- sediment basin P1-9 not complete with structures (excavated and blocked off for d/c)- area surrounding recently worked and perimeter EPSCs installed, no pollution observed – basin should be completed as this phase is active
- basins east of Buck Crossing and east of Expedition Drive installed but not discharging
- long basin along Bird's Eye Way d/c clear – SF below should be cleaned out
- final basin before crossing into 1B installed but not d/c

- single stream crossing into 1B has new flow contributing to stream likely resultant of recent work – consultants should evaluate at this new source of flow – in interim effort should be made to keep sediment from entering stream – road crossing should be immediately stabilized – flow is currently clear – engineer should be consulted for sediment management
- currently working on 1st basin in 1B – will inspect at later date.
- Offsite impacts at base of CE remain. Sediment still accumulated offsite at this location and being maintained by SF – should monitor closely so no d/c to river.
- Basin along access road has now been installed and further stabilization has been conducted along slope.
- Silt fence, basins, and check dams should be cleaned out when at 50% capacity.
- Areas where work has permanently or temporarily ceased for 14 days should be temporarily stabilized.

On-Site Contact (if available)

On-Site Contact Name (Print): Tyler Jeffrey & Ryan Thornton	On-Site Contact Title:	Signature:	Date:
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TDEC Personnel/Information

Inspector's Name (Print): Nikki Carpenter	Signature: 	Date: 05/07/24	EFO: Chattanooga EFO 1301 Riverfront Parkway, Suite 206 Chattanooga, TN 37402
		Time: 900 CST	



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)

DIVISION OF WATER RESOURCES (DWR)
 William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
 Nashville, Tennessee 37243
 1-888-891-TDEC (8332)

**NOTICE OF TERMINATION (NOT) FOR
 GENERAL NPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (CGP)**

This form is required to be submitted when requesting termination of coverage from the CGP. The purpose of this form is to notify the TDEC that either all stormwater discharges associated with construction activity from the portion of the identified facility where you, as an operator, have ceased or have been eliminated; or you are no longer an operator at the construction site. Specifically, this means that all disturbed soils at the portion of the construction site where the operator had control have been permanently stabilized, the temporary erosion and sediment control measures have been removed, and/or subsequent operators have obtained permit coverage for the site or portions of the site where the operator had control. Submission of this form shall in no way relieve the permittee of permit obligations required prior to submission of this form.

Submit this form to the local DWR Environmental Field Office (EFO) address (see table below) or using MyTDEC Forms electronic submittal process. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC).

Site or Project Name:	NPDES Tracking Number: TNR
Street Address or Location:	County(ies):

Name of Permittee Requesting Termination of Coverage:			
Permittee Contact Name:	Title or Position:		
Mailing Address:	City:	State:	Zip:
Phone:	E-mail:		

Check the reason(s) for termination of permit coverage: (check only one)

<input type="checkbox"/>	Primary permittee termination: all requirements for termination under Permit Part 9.1.1. a) through c) have been met. This includes, but is not limited to, for areas the primary permittee has control all earth-disturbing activities at the site are complete and permanent stabilization as defined in Part 10 of the CGP has been achieved. (attach photo documentation)
<input type="checkbox"/>	When applicable, and you are a primary permittee seeking termination, list who is responsible for ongoing maintenance of stormwater controls left on the site subject for long-term use following termination of coverage:
<input type="checkbox"/>	Secondary permittee termination: all requirements for termination under Permit Part 9.2.1. have been met (no longer an operator at the construction site).

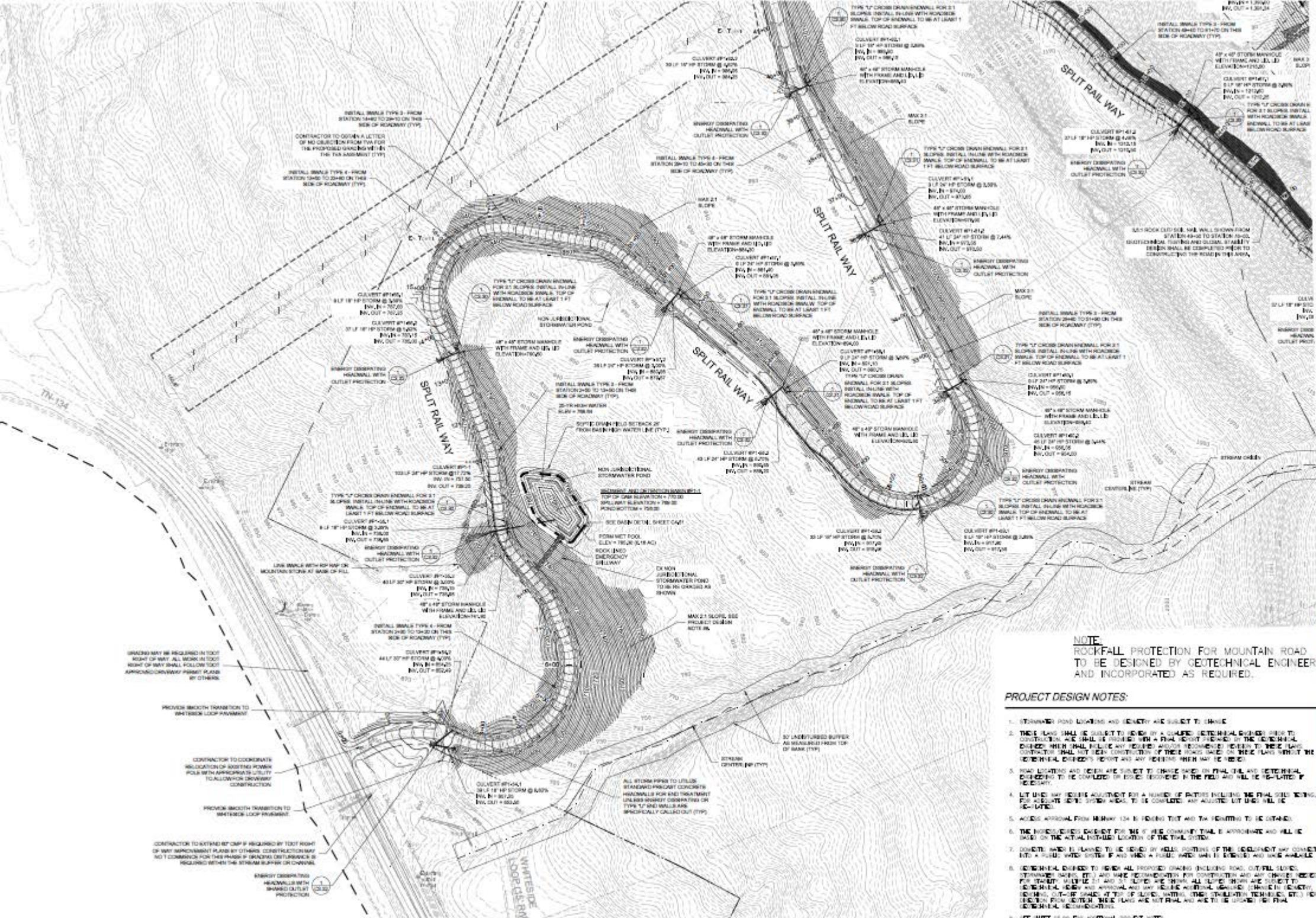
Certification and Signature:

(must be signed by president, vice-president or equivalent ranking elected official)

I certify under penalty of law that either: (a) all stormwater discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or (b) I am no longer an operator at the construction site. I understand that by submitting this notice of termination, I am no longer authorized to discharge stormwater associated with construction activity under this general permit, and that discharging pollutants in stormwater associated with construction activity to waters of the state is unlawful under the Tennessee Water Quality Control Act where the discharge is not authorized by a NPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Tennessee Water Quality Control Act. I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Permittee name (print or type):	Signature:	Date:
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EFO	Address	EFO	Street Address
Memphis	8383 Wolf Lake Drive, Bartlett, TN 38133	Cookeville	1221 South Willow Ave., TN 38506
Jackson	1625 Hollywood Drive, TN 38305	Chattanooga	1301 Riverfront Parkway, Ste. 206, TN 37402
Nashville	711 R S Gass Boulevard, TN 37243	Knoxville	3711 Middlebrook Pike, TN 37921
Columbia	1421 Hampshire Pike, TN 38401	Johnson City	2305 Silverdale Road, TN 37601



NOTE:
 ROCKFALL PROTECTION FOR MOUNTAIN ROAD TO BE DESIGNED BY GEOTECHNICAL ENGINEER AND INCORPORATED AS REQUIRED.

PROJECT DESIGN NOTES:

1. STORMWATER ROAD LOCATIONS AND QUANTITIES ARE SUBJECT TO CHANGE.
2. THESE PLANS SHALL BE SUBJECT TO REVIEW BY A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. ALL SHALL BE PROVIDED WITH A FINAL REPORT. THE GEOTECHNICAL ENGINEER'S REVIEW SHALL BE LIMITED TO THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
3. ROAD LOCATIONS AND QUANTITIES ARE SUBJECT TO CHANGE BASED ON FINAL CIVIL AND GEOTECHNICAL DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
4. LIT UNITS MAY REQUIRE ADJUSTMENT FOR A NUMBER OF FACTORS INCLUDING THE FINAL GROUND SURFACE, PERMITS, AND OTHER FACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
5. ACCESS APPROVAL FROM HIGHWAY 124 IS PENDING AND THE PERMITS TO BE OBTAINED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
8. GEOTECHNICAL ENGINEER TO REVIEW ALL PROPOSED GRADING INCLUDING ROAD, CUT/FILL SLOPES, STORMWATER DRAINAGE, AND MAKE RECOMMENDATIONS FOR CONSTRUCTION AND ANY CHANGES NEEDED FOR STABILITY, EROSION, AND OTHER FACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE ROCKFALL PROTECTION.
9. SEE NEXT SHEET FOR REMAINING PROJECT NOTES.

PERMITTING REVIEW SET

PROJECT NO. 2024-001
 SHEET NO. 10 OF 15
 DATE: 10/20/2024
 DRAWN BY: J. SMITH
 CHECKED BY: M. JONES
 APPROVED BY: K. BROWN

EROSION CONTROL DETAILS AND CARE SHOWN ON SHEET C4.3

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES."



SEE SHEET CS.1
PROJECT NOTE

OUTLET PROTECTION APRON			
APRON LENGTH (L)	APRON WIDTH AT HEADWALL (W1)	APRON WIDTH DOWNSTREAM (W2)	AVERAGE STONE DIAMETER (S)
13'	6'	15'	5"

NOTE: ALL OUTLET PROTECTION APRONS ON THIS PROJECT TO MEET THIS SIZING SHOWN